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PASSWORD:

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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPLUS and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS EXPRESS	FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008		
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:03:58 ON 10 JUN 2008

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 18:04:42 ON 10 JUN 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JUN 2008 HIGHEST RN 1026855-74-2

DICTIONARY FILE UPDATES: 9 JUN 2008 HIGHEST RN 1026855-74-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

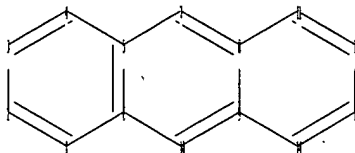
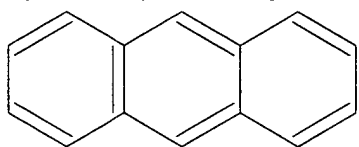
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\SEM1.str



ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 13-14

normalized bonds :

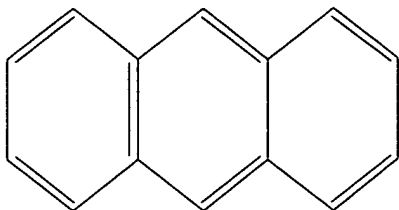
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 8-11 9-10 9-14 11-12 12-13 13-14

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom

L1 STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1 FULL
FULL SEARCH INITIATED 18:05:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 486996 TO ITERATE

100.0% PROCESSED 486996 ITERATIONS 79682 ANSWERS
SEARCH TIME: 00.00.08

L2 79682 SEA SSS FUL L1

=> S L2 AND SEMICONDUCTOR
1 SEMICONDUCTOR
L3 0 L2 AND SEMICONDUCTOR

=> FILE CAPLUS	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	184.43	184.64

FILE 'CAPLUS' ENTERED AT 18:06:32 ON 10 JUN 2008
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FILE COVERS 1907 - 10 Jun 2008 VOL 148 ISS 24
FILE LAST UPDATED: 9 Jun 2008 (20080609/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> S L2
L4 101687 L2

=> S L4 AND SEMICONDUCTOR
642362 SEMICONDUCTOR

L5 2088 L4 AND SEMICONDUCTOR

=> S L5 AND BINDER
195554 BINDER

L6 26 L5 AND BINDER

=> S L6 AND PERMITTIVITY
12 PERMITTIVITY

L7 0 L6 AND PERMITTIVITY

=> S L7 AND PERMITTIVITY
20269 PERMITTIVITY

L8 0 L7 AND PERMITTIVITY

=> S L6 AND PERMITTIVITY
20269 PERMITTIVITY

L9 1 L6 AND PERMITTIVITY

=> D L9 IBIB ABS HITSTR 1

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:523782 CAPLUS

DOCUMENT NUMBER: 143:69829

TITLE: Improvements in and relating to organic semiconducting layers

INVENTOR(S): Brown, Beverley Anne; Veres, Janos; Anemian, Remi
Manouk; Williams, Richard Thomas; Ogier, Simon
Dominic; Leeming, Stephen William

PATENT ASSIGNEE(S): Avecia Limited, UK

SOURCE: PCT Int. Appl., 68 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

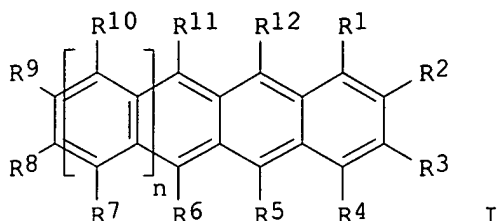
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005055248	A2	20050616	WO 2004-GB4973	20041125
WO 2005055248	A3	20050728		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1687830	A2	20060809	EP 2004-819715	20041125
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
EP 1783781	A2	20070509	EP 2007-2498	20041125
EP 1783781	A3	20071003		
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JP 2007519227	T	20070712	JP 2006-540612	20041125
EP 1808866	A1	20070718	EP 2007-4534	20041125
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
US 20070102696	A1	20070510	US 2006-580552	20060526
US 20070137520	A1	20070621	US 2007-671877	20070206
US 20080009625	A1	20080110	US 2007-822594	20070709

PRIORITY APPLN. INFO.:

GB 2003-27654	A 20031128
GB 2004-7852	A 20040407
GB 2004-14347	A 20040626
EP 2004-819715	A3 20041125
WO 2004-GB4973	W 20041125
US 2006-580552	A3 20060526

OTHER SOURCE(S): MARPAT 143:69829
GI



AB An organic semiconducting layer formulation (I), which comprises: an organic binder which has a permittivity, ϵ , at 1,000 Hz of 3.3 or less; and a polyacene compound of Formula: A: wherein: each of R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11 and R12, which may be the same or different, independently represents hydrogen; an optionally substituted C1-C40 carbyl or hydrocarbyl group; an optionally substituted C1-C40 alkoxy group; an optionally substituted C6-C40 aryloxy group; an optionally substituted C7-C40 alkylaryloxy group; an optionally substituted C2-C40 alkoxy carbonyl group; an optionally substituted C7-C40 aryloxy carbonyl group; a cyano group (-CN); a carbamoyl group (-C(=O)NH₂); a haloformyl group (-C(=O)-X, wherein X represents a halogen atom); a formyl group (-C(=O)-H); an isocyano group; an isocyanate group; a thiocyanate group or a thioisocyanate group; an optionally substituted amino group; a hydroxy group. A nitro group; a CF₃ group; a halo group (Cl, Br, F); or an optionally substituted silyl group; and wherein independently each pair of R2 and R3 and/or R8 and R9, may be cross-bridged to form a C4-C40 saturated or unsatd. ring, which saturated or unsatd. ring may be intervened by an oxygen atom, a sulfur atom or a group shown by formula -N(Ra)- (wherein Ra is a hydrogen atom or an optionally substituted hydrocarbon group), or may optionally be substituted; and wherein one or more of the carbon atoms of the polyacene skeleton may optionally be substituted by a heteroatom selected from N, P, As, O, S, Se and Te; and wherein independently any two or more of the substituents R1-R12 which are located on adjacent ring positions of the polyacene may, together, optionally constitute a further C4-C40 saturated or unsatd. ring optionally interrupted by O, S or -N(Ra) where Ra is as defined above or an aromatic ring system, fused to the polyacene; and wherein n is 0, 1, 2, 3 or 4, also claimed is an electronic device, particularly.

IT 6006-83-3, 5,14-Pentacenedione 317809-68-0

373596-08-8 373596-09-9 398128-81-9

775324-33-9 775324-34-0 854519-90-7

854519-91-8 854519-92-9 854519-95-2

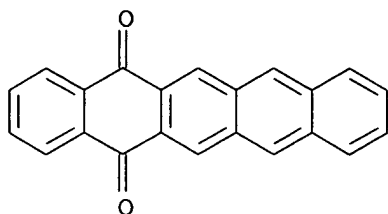
854519-96-3 854520-00-6

RL: DEV (Device component use); USES (Uses)

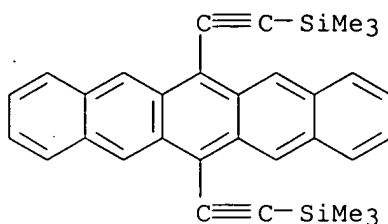
(improvements in and relating to organic semiconducting layers for organic FETs)

RN 6006-83-3 CAPLUS

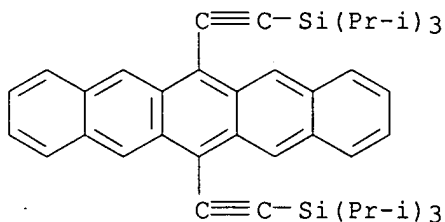
CN 5,14-Pentacenedione (CA INDEX NAME)



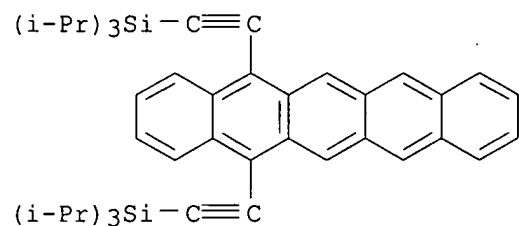
RN 317809-68-0 CAPLUS
 CN Pentacene, 6,13-bis[2-(trimethylsilyl)ethynyl]- (CA INDEX NAME)



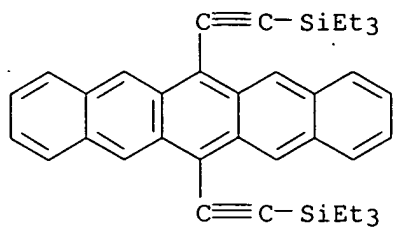
RN 373596-08-8 CAPLUS
 CN Pentacene, 6,13-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)



RN 373596-09-9 CAPLUS
 CN Pentacene, 5,14-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)

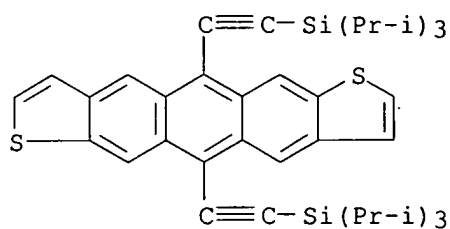


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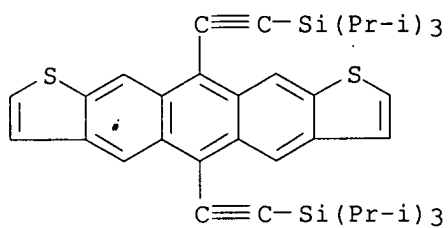
RN 775324-33-9 CAPLUS

CN Anthra[2,3-b:6,7-b']dithiophene, 5,11-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)



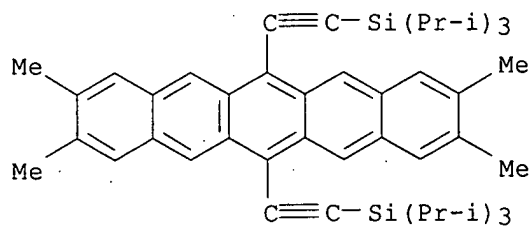
RN 775324-34-0 CAPLUS

CN Silane, (anthra[2,3-b:7,6-b']dithiophene-5,11-diyl-di-2,1-ethynediyl)bis[tris(1-methylethyl)- (9CI) (CA INDEX NAME)



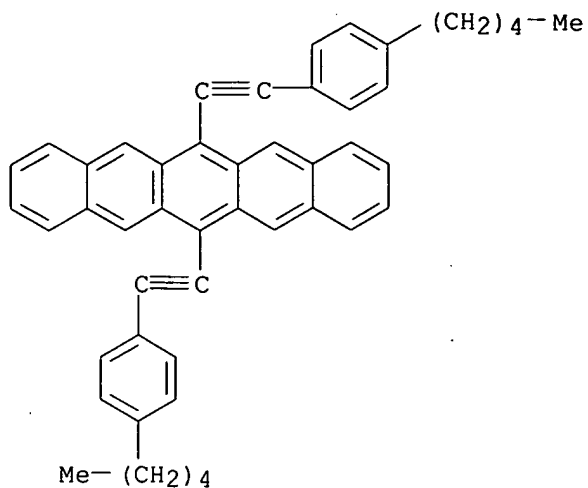
RN 854519-90-7 CAPLUS

CN Pentacene, 2,3,9,10-tetramethyl-6,13-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)



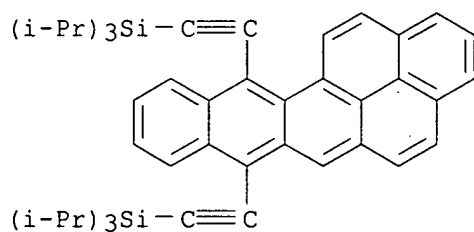
RN 854519-91-8 CAPLUS

CN Pentacene, 6,13-bis[2-(4-pentylphenyl)ethynyl]- (CA INDEX NAME)



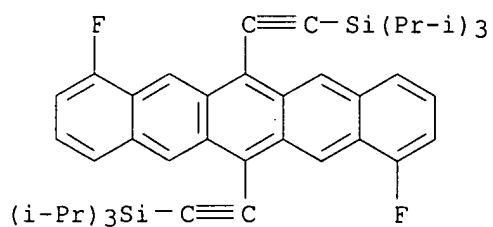
RN 854519-92-9 CAPLUS

CN Dibenzo[1, pqr]benz[a]anthracene, 7,12-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)



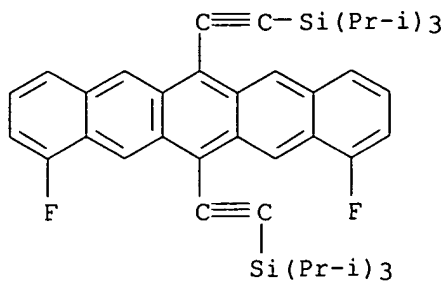
RN 854519-95-2 CAPLUS

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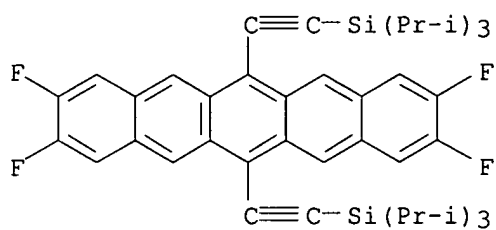


RN 854519-96-3 CAPLUS

CN Pentacene, 1,11-difluoro-6,13-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)



RN 854520-00-6 CAPLUS
 CN Pentacene, 2,3,9,10-tetrafluoro-6,13-bis[2-[tris(1-methylethyl)silyl]ethynyl]- (CA INDEX NAME)



=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	19.89	204.53
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

STN INTERNATIONAL LOGOFF AT 18:11:17 ON 10 JUN 2008